



## Small Craft Department **Classes, Workshops & Events 2006**

### Classes, Workshops & Events for 2006

These classes are held in the Small Boat Shop on Hyde Street Pier. To register, call Lucas Lineback at the San Francisco Maritime National Park Association, 415-567-4653, or write, Boatshop Classes, San Francisco Maritime National Park Association, PO Box 470310, San Francisco, CA 94147-0310. For more technical information regarding class content call the Boat Shop at 415-556-4031.

#### On the Water:

##### **Small Boat Sailing**

Date: April 22, 23, 29, 30

Time: 9:30am-4pm

Instructor: John Conway

Fee: \$150

Learn basic small boat sailing aboard the locally designed and built San Francisco Pelican. These 12 foot prams provide a nice introduction to sailing. Learn the basic theories of sailing, as well as the on-the-water skills of tacking, jibing and sailing on the different points of sail.



##### **Pelican Racing Series**

Date: Tuesdays, April 25—May 23

Time: 6pm-dark

Hosts: Small Craft Department staff

Fee: Free to Park and Association staff, volunteers and members; and Pelican Association members.

Come down and try out your racing skill in a San Francisco Pelican. This informal racing series is always a favorite.

##### **Gunkholing**

2006 class is sold out! Reservations necessary for 2007. Phone-in RSVP for the 2007 class will begin August 1 on a first come, first served basis. Space is limited. Bring your camping gear, a seaworthy vessel, and a taste for Bay and Delta adventure. The Park's scow schooner, Alma, follows as our base camp.

##### **China Camp Trip**

Date: Aug 26, 27

Hosts: Small Craft Department staff

This weekend excursion is open to Park and Association staff, volunteers and members and TSCA members. Join us on a voyage to China Camp State Park in San Rafael (birthplace of the San Francisco Bay shrimp junk Grace Quan) coincides with the State Park's Heritage Days Weekend. After sailing to the China Camp beach, enjoy the cultural events and celebrations and the lovely China Camp.

#### In the Boat Shop:

##### **½ Hull Modeling**

Date: March 14, 21, 28, April 4

Time: 7pm-10pm



Instructor: John Muir

Fee: \$125

Carve a half-hull scale model. Choose from naval architectural drawings in the San Francisco Maritime N.H.P. collection or bring the plan of your choice. The following hand tools are helpful: incannal gouge, spokeshave, block plane, awl.

### **Marine Weather Workshop**

Date: May 26, 27

Time: 8:30-5

Instructor: Lee Chesneau

Fee: \$100

This class offers a comprehensive look at marine weather and weather prediction. We'll start with an introduction to how weather works and move on into the wide variety of methods of analyzing and predicting weather and weather patterns. The class is geared towards the sailor, and will cover methods of obtaining and interpreting marine weather information at sea.

### **Introduction to Bronze Casting**

Dates: June 17, 18

Time: 9am-5pm

Fee \$100

Instructor: Samuel Johnson

Learn how to build your own melting furnace, make patterns for hardware for boat and home and cast them in bronze. Construct a furnace suitable for melting most non-ferrous alloys as well as basic blacksmithing. Learn how to build all necessary foundry equipment. Patterns for cleats, oarlocks, port lights, and other boat hardware will be made and cast in bronze. The casting session will focus on split-patterns and cope and drag sand casting. Skill level: No experience in working metals needed, moderate experience in woodworking helpful but not necessary.

### **Oar, Paddle & Spar Making**

Date: June 24, 25, July 1, 2

Time 9am-5pm

Instructor: John Heid

Fee: \$125

Hand-carve your own paddle, spar or pair of oars. In this class we'll start with the raw materials of spruce or ash and work to the final shape with the band saw, drawknife, block plane, spoke shave and incannel gouge. Learn how to use all these tools in the creation of an elegant and useful piece of work. The process is challenging at first but extremely rewarding.

### **Firebending and Steambending**

Date: July 22

Time: 9:30am-4:30pm

Instructors: John Muir and Jason Rucker

Fee: \$75

This new class introduces two ancient and useful methods of bending wood. In the Western boatbuilding tradition, frames, planks and other pieces are heated with steam in order to soften them enough to take the necessary tight turns. In our recent reproduction of a Chinese Shrimp Junk, we used the Chinese technique of bending planks directly over an open fire. We'll get the opportunity to compare both methods as we bend planks on the beach and bend frames on the adjacent pier.

### **Diesel Engine Maintenance**

Date: Sat, October 28

Time: 9:00am all day

Instructor: John Roulstone

Fee: \$100

This class guides the novice through the routine maintenance of the marine diesel. The instructor will explain basic 4-cycle diesel operation and show procedures for changing filters, bleeding fuel systems and basic adjustments. Students will also learn several troubleshooting procedures. For those who may be having specific mechanical difficulties there will be opportunities for questions and answers. Several engines will be on display. Participants in this class will have the rare opportunity to work with a professional in the field of diesel mechanics.

This will be a "hands on" class; a basic working knowledge of mechanics tools and a minimum tool kit is required. Coveralls or work clothes are suggested.

Limited to ten students

Tool list; minimum

Crescent wrenches one each 6", 10" (2)

Channel lock pliers  
Needle nose pliers  
Set of combination wrenches 3/8-3/4 or metric 8 through 19  
Screwdrivers small and large, Phillips and regular style (4)  
A basic set of socket wrenches is good to have but not mandatory

Other specialized tools will be provided for instruction purposes.

## Maritime Arts:

### Maritime Photography

Dates: May 26, 27

Time: 9am-5pm

Fee: \$100

Instructor: Christian Buhl

The San Francisco waterfront and the waters of the bay are a stunning classroom for this introduction to maritime photography. The class will provide a nice introduction to photography for novices as well as a primer on the maritime world for those with more experience. Film will be developed and reviewed in class towards refining composition and improving selection of shots. Participants will create a portfolio of maritime images using both 35mm and digital cameras, shooting from beach, pier and boats on the water.



### Maritime Sketchbook in Color

Sat, August 26

Time: 12:30-4:30pm

Fee: \$35

Instructor: Amy Hosa

Develop a simple sketch from the stunning waterfront views, and explore a variety of techniques to add color and shading. Tips for creating a maritime color palette. Demos on drawing boats, water surfaces and reflections. Media: watercolor and color pencil. All levels welcome. Location: the Chinese shrimp-fishing village, China Camp State Park, San Rafael. It's a special day for the park's Chinese junk, and Bay Area traditional small craft and work boat associations, so join us for festivities and dinner too! More info: amy\_hosa@nps.gov or 415-561-7113.

## Curatorial:

### Quarterly Small Craft Collection Tour

Dates: May 6, August 12, November 4

Host: John Muir

Fee: Free

Meet at the Small Boat Shop, bring a bag lunch and ride with us over to our small craft warehouse in Alameda. We'll tour the collection of nearly 100 local historic boats, discussing interesting elements of their history, design and construction.

## Boat Building:

### WoodenBoat Magazine classes:

For more information or to register for WoodenBoat classes, contact Rich Hilsinger at (207) 359-4651 or:

WoodenBoat School

PO Box 78, Naskeag Road

Brooklin, ME

04616

May 8-12 LOFTING with Greg Rössel

May 15-19 FUNDAMENTALS OF BOATBUILDING with Greg Rössel

October 2-7 BUILDING YOUR OWN 36" RADIO-CONTROLLED POND YACHT with Alan Suydam

October 23-28 INTRODUCTION TO BOATBUILDING with Bill Thomas